

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

By May 14, corn planting continued at about normal pace, but soybean planting was behind normal. Cool temperatures and wet field conditions are the major reasons for the delayed planting. Emerged corn in many areas is reported to be yellowish or white in color due to frost damage or chemical carryover problems. Last week farmers were applying chemicals, fertilizers, preparing seedbeds, baling hay, hoeing corn, and caring for livestock. Alfalfa weevils continue to be a major problem in the Southern Districts as farmers continue to apply needed chemicals. For the week of May 6-12, there was an average of four and one-half days suitable for fieldwork. The canola crop is reported to be in good condition and in full bloom. Fruit trees are also blooming and were damaged by the freeze on May 6, along with many garden crops.

CORN planting, as of May 14, was 83% complete, compared to 97% last year and the 5-year average (1984-88) of 84%. Condition of the corn crop on May 12 was reported as 2% excellent, 25% good, 66% fair, and 7% poor.

SOYBEAN planting, as of May 14, was 24% complete, compared to 62% last year and the average of 42%.

Condition of **WINTER WHEAT** on May 12 was reported as 14% excellent, 77% good, and 9% fair. By May 14, 25% of the acreage was heading, compared to 53% last year and the average of 49%.

OAT condition on May 12 was reported as 4% excellent, 76% good, 19% fair, and 1% poor.

SORGHUM planting on May 14 was 15% complete, compared to 44% last year and the average of 24%.

Cutting of the first crop of **ALFALFA HAY** was 8% complete by May 14, compared to 15% last year and the average of 11%. Condition of the crop on May 12 was reported as 3% excellent, 61% good, 32% fair and 4% poor.

PASTURE condition, as of May 12, was rated 3% excellent, 65% good and 32% fair.

Condition of **RED CLOVER** on May 12 was reported as 3% excellent, 65% good, 30% fair and 2% poor.

SOIL MOISTURE, as of May 12, was reported as 50% short, 45% adequate, and 5% surplus.

ILLINOIS DISTRICT SUMMARY

	:	:	Soybean	:	Days	:	Soil	
District	:	Corn Acreage	:	Acreage	:	Suitable	:	Moisture Percent
	:	% Planted	:	% Planted	:	For	:	-----
	:	:	:	:	:	Fieldwork	:	Short : Adq. : Surplus

	:	As of May 14			As of May 12			
Northwest	:	85	:	14	:	6.0	:	100 0 0
Northeast	:	85	:	27	:	5.5	:	90 10 0
West	:	90	:	35	:	5.0	:	75 25 0
Central	:	90	:	18	:	4.5	:	55 45 0
East	:	85	:	34	:	4.0	:	45 45 10
W Southwest	:	96	:	35	:	5.0	:	45 55 0
E Southeast	:	45	:	6	:	2.5	:	0 70 30
Southwest	:	93	:	26	:	5.5	:	35 65 0
Southeast	:	85	:	28	:	4.5	:	0 90 10

State	:	83	:	24	:	4.5	:	50 45 5
5-Year Avg.	:	84	:	42	:		:	

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
April	2.06	1.60	3.53	3.71	4.21	3.61	4.99	2.88	2.69	3.25
Departure	-1.44	-1.92	-0.21	-0.11	0.41	-0.14	1.15	-1.30	-1.65	-0.58

APRIL WEATHER SUMMARY

Illinois recorded slightly below normal temperatures and precipitation. Illinois average monthly TEMPERATURE was 1 degree below normal as temperatures ranged from 1 to 2 degrees below normal. The coolest portion of the State was the Northeast sections, while the warmest areas was in the Southeast section. The first half of the month recorded below normal temperatures. Minimum temperatures dropped into the teens in the North and Central portions of the State. Elizabeth (which represents the Northwest District of the State) recorded the lowest minimum temperature of 17 degrees above zero on the 14th. Several minimum lows were set during this period. By the third week of the month, a warm trend developed and sent readings into the 70's and 80's. In the fourth week, many stations in the South recorded highs in the upper 80's and lower 90's. St. Louis (which represents the West-Southwest District) recorded the highest maximum temperature of 93 degrees on the 26th. Cooler air pushed into the State by the end of the month.

PRECIPITATION averaged below normal in the State (-0.58 of an inch below normal). The Northern two-thirds of the State were once again the driest, along with the Southeast District. The Eastern Districts recorded slightly above normal rainfall. The largest below normal variation was in the Northeast District (-1.92 inches below normal). The largest above normal variation was in the East-Southeast District (1.15 of an inch above normal). The heaviest rain fell during the first week and at the end of the month. Several stations (many in the South) recorded more than 2 inches of precipitation during a 24-hour period. Charleston, in the Southeast District of Illinois, received the largest total amount of precipitation for the month with 7.31 inches.

Snowfall during the month was below normal. The largest snowfall fell in the Northwest District (in the Rockford area). Nearly 2 inches fell in this area.

The outlook for the remainder of May is for temperatures and precipitation to be near normal.

WEATHER

A NORTH FLOW OF AIR FROM CANADA DOMINATED ILLINOIS WEATHER FOR MUCH OF THE SEVEN DAY PERIOD. DAILY HIGH TEMPERATURES AVERAGED FROM THE MID 60'S NORTH TO THE UPPER 60'S AND LOW 70'S SOUTH. THESE READINGS WERE MOSTLY 1 TO 4 DEGREES BELOW NORMAL OVER THE WEST AND 4 TO 8 DEGREES BELOW NORMAL OVER THE EAST. LOWS AVERAGED FROM THE 30'S TO LOW 40'S NORTH TO AROUND 40 TO THE MID 40'S SOUTH IN MOST AREAS WHICH WAS 5 TO 12 DEGREES BELOW NORMAL IN MOST AREAS. COLDEST READINGS DROPPED INTO THE 30'S.

MOST RAINFALL OCCURRED EARLY IN THE PERIOD WITH A PASSAGE OF LOW PRESSURE AND A COLD FRONT. AMOUNTS AVERAGED FROM 0.25 TO 0.85 INCHES ACROSS MUCH OF THE STATE WITH LESSER AMOUNTS NORTHEAST. THIS WAS MOSTLY 0.25 TO 0.70 INCHES BELOW NORMAL EXCEPT FOR ABOVE NORMAL OVER PARTS OF EAST CENTRAL ILLINOIS.

SOIL TEMPERATURES AT THE 4-INCH DEPTH UNDER BARE SOIL AVERAGED FROM THE MID 50'S NORTH TO NEAR 60 SOUTH. READINGS SHOULD INCREASE THIS WEEK WITH FAIR WEATHER AND AIR TEMPERATURES REACHING HIGHS IN THE 70'S TO LOW 80'S AND LOWS IN THE 50'S.

Week ending 8 A.M. Monday, May 15, 1989

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi-mum	Mini-mum	Departure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	65	33	-9	0.36	0.79	-1.21	58	89	-59
ROCKFORD	66	42	-3	0.03	0.39	-1.50	60	97	-36
CHICAGO	61	41	-6	0.04	0.38	-1.20	43	80	-52
CHI BOTANICAL	56	42	-9	0.04	0.22	-1.45	27	58	-75
ELWOOD	65	39	-5	0.14	0.67	-1.17	58	101	-33
WATSEKA	63	38	-9	0.59	0.72	-1.33	49	92	-60
PERU	65	39	-7	0.51	0.71	-1.23	58	100	-61
MOLINE	68	41	-5	0.77	1.35	-0.71	68	101	-47
PEORIA	67	42	-5	0.77	0.96	-0.94	65	104	-45
KILBOURNE	66	42	-7	0.75	0.99	-1.10	62	105	-70
MONMOUTH	68	41	-6	0.64	1.06	-0.80	66	99	-65
QUINCY	70	45	-3	0.05	0.18	-1.93	76	123	-39
PERRY	69	42	-6	0.75	0.86	-1.15	71	120	-60
SPRINGFIELD	65	42	-8	0.76	1.04	-0.67	59	104	-65
URBANA	64	40	-9	1.03	1.20	-0.58	53	99	-59
WINDSOR	65	42	-8	1.11	1.41	-0.51	56	100	-76
TERRE HAUTE	64	40	-9	0.35	1.20	-0.60	54	95	-60
ST LOUIS	70	49	NA	0.26	0.32	NA	81	135	NA
BELLEVILLE	70	44	-6	0.79	1.19	-0.67	77	137	-56
BROWNSTOWN	67	43	-8	0.28	0.98	-1.12	68	115	-68
IUKA	68	38	-10	0.28	0.56	-1.30	69	122	-69
LAWRENCEVILLE	68	39	NA	0.65	1.22	NA	67	121	NA
VINCENNES	65	42	-8	0.41	0.91	-1.14	58	110	-71
DIXON SPRINGS	70	45	-8	0.85	1.17	-1.07	80	166	-62
PADUCAH	71	46	-6	0.87	1.01	-1.19	85	163	-64
OLIVE BRANCH	71	43	-7	0.13	0.52	-1.81	80	163	-49
CARBONDALE	71	40	-8	0.62	0.87	-1.20	78	148	-59
C GIRARDEAU	72	48	NA	0.32	0.55	NA	89	156	NA

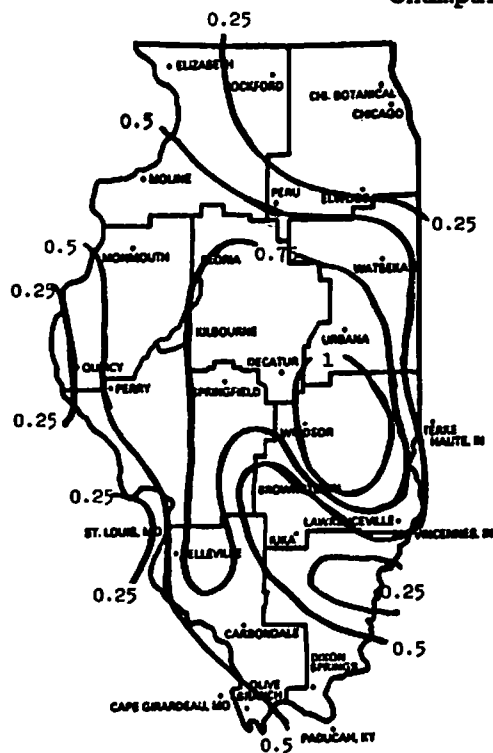
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

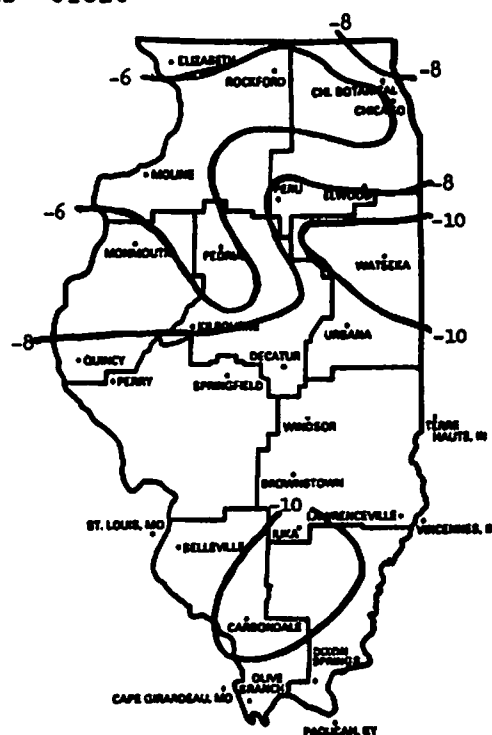
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PRECIPITATION (INCHES)
MAY 9-15, 1989



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) MAY 9-15, 1989

CROP INFORMATION in this report is provided voluntarily by
county officials of Extension Service and SCS, and agribusiness managers.